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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/478,313	01/06/2000	MICHAEL HUSAYN KALANTAR	YO999-417	1524

7590 07/25/2003
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EXAMINER

NGUYEN, QUANG N

ART UNIT	PAPER NUMBER
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2141

DATE MAILED: 07/25/2003

7

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/478,313

Applicant(s)

KALANTAR ET AL.

Examiner

Quang N. Nguyen

Art Unit

2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06/10/2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 06/10/2003 has been entered.

Claims 1-20 are presented for examination. Claims 1, 3-5, 9-10, 12, 15-16 and 20 have been amended.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000.

Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1-13 and 15-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Hoffman (US 6,460,071).

4. As to claim 1, Hoffmann teaches a system and method for providing common data from a first source entity to a second entity, wherein said second entity is to perform processing on the common data, comprising the steps of:

transferring the common data from the first source entity to be stored at the second entity (client/web server transmission/environment);

storing the common data as stored data at said second entity (storing strings of textual information, Hoffmann, C4: L48-51);

associating a data handle to the stored data, wherein said first and said second entity each are aware of the handle (reference to the stored data will be made using the handle, Hoffmann, C4: L60-61 and C5: L3-5); and

invoking at least one service on said common data by using said data handle and invocation-specific data (using the data handle to lookup and retrieve the stored data, Hoffmann, C5: L3-5 and L28-42).

5. As to claim 2, Hoffmann teaches the method as in claim 1, further comprising storing the data handle with the stored data (Hoffmann, C5: L3-5, and L20-27).

6. As to claims 3, 11 and 12, Hoffmann teaches the method as in claim 1, wherein said transferring and said invoking are done simultaneously and wherein said method further comprises invoking at least one successive service on said common data by using said data handle after said storing and associating steps, which comprises data transfer across a network (data transmission back and forth in client/server environment) and comprises encryption of said common data (encrypted client login ID/password used to access server), (Hoffmann, C5: L20-42).

7. As to claims 4-9, Hoffmann teaches the method as in claim 1, wherein
said first entity invokes the at least one service (requests to store a piece of data, to retrieve the stored data, or to reaccess the same data again) by providing at least service invocation-specific data and said data handle to said second entity;

said first entity invokes a plurality of services on said data (requests to store a piece of data, to retrieve the stored data, or to reaccess the same data again) by transferring a composite service invocation to said second entity;

said associating of the handle is conducted at the first entity and wherein the handle is transferred to the second entity and/or vice versa (the data handle is passed between processes back and forth between client and server);

said associating of the handle is performed by the third entity and communicated to said first and said second entity; said associating of handle is performed implicitly by the transfer of said common data (the data handle is passed between processes back

and forth between client and server as a variable in the URL, exchanged as a cookie, as a hidden field or stored in the client object, Hoffmann, C5: L20-42).

8. As to claim 10, Hoffmann teaches the method as in claim 1, further comprising transforming said common data from a first representation to a second representation (extracting data from a database and reformatting that data for presentation to the client, Hoffmann, C3: L65-67 and C4: L1-5).

9. As to claim 13, Hoffmann teaches the method as in claim 4, wherein said at least one service comprises file I/O by the second entity (Hoffmann, I/O controllers 206 and 210 of Fig. 2, C4: L17-22).

10. Claims 15-19 are corresponding system claims of claims 1-13; therefore, they are rejected under the same rationale.

11. Claim 20 is a corresponding program storage device claim of claim 1; therefore, it is rejected under the same rationale.

Claim Rejections - 35 USC § 103

12. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

13. Claim 14 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hoffmann, in view of Draves (US 5,802,590).

14. As to claim 14, Hoffmann teaches a method as in claim 4, wherein the service is provided by the second entity but does not explicitly teach that the second entity comprises a kernel.

In the related art, Draves teaches a system and method for allowing processes to access resources wherein a kernel of an operating system maintains a system-wide resource table containing resource entries (Draves, Figs. 2-3 and corresponding text, C3: L42-67, C4: L1-14, L48-67, C5 and C6: L1-20).

Therefore, it would have been obvious to one having ordinary skill in the art to modify and combine the teachings of Hoffmann and Draves to include a kernel in the second entity because it would allow the system to use the kernel to hash the key to generate the handle associating to the stored resources.

Response to Arguments

15. In the remarks, applicant argued in the substance that

(A) Prior Art does not teach “the transferring of common data from a first source entity for storage at a second entity”.

As to point (A), before addressing the argument, it is noted that the language of the limitation cited in the quotation can be given broad and reasonable interpreted in light of specification. As the applicant asserts in the specification (bottom of page 7 and top of page 8) that the method does not dictate how the data is separated into **common** data and **invocation-specific** data; such that, for the example comprising a message and a plurality of addresses for message destinations, either one of the two categories of data (message and plurality of addresses) would be to characterize as the **common** data or the **invocation-specific** data. Hence, the data in Hoffman’s reference could be interpreted as both **common** data and **invocation-specific** data.

Hoffmann teaches requests (receive string to store in step 302 of Fig. 3), data and data handle are sent back and forth to the client browser in the client/server (first/second entity) environment, i.e., transferring of common data from a first source entity for storage at a second entity (Hoffmann, Fig. 3 and corresponding text, C3: L65-67, C4: L1-3, L48-51 and C5: L20-22).

(B) Prior Art does not teach, “associating a handle to the stored data where each entity is aware of the handle”.

As to point (B), Hoffmann teaches reference to the stored data will be made using the handle and the handle will be passed between processes by including it with the data sent back and forth to the client browser, used to lookup to retrieve the stored data (Hoffmann, C4: L60-61 and C5: L28-32).

(C) Prior Art does not teach, “invoking a service on the common data using the handle”.

As to point (C), Hoffmann teaches that the handle is created and used to store the data, then later the data handle is used to lookup and retrieve the stored data as requested (Hoffmann, C5: L3-5 and L28-42).

(D) Prior Art does not teach “the handle is overtly communicated from the second to the first entity”.

As to point (D), Hoffmann teaches the handle can be stored and passed back and forth (i.e., communicated) between the client/server (first/second entity) as a variable in the URL, or exchanged as a cookie, i.e., the handle could be overtly communicated from the second to the first entity (Hoffmann, C5: L20-28).

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16. Applicant's requests for reconsideration as well as arguments filed on 06/10/2003 have been fully considered but they are not deemed to be persuasive.

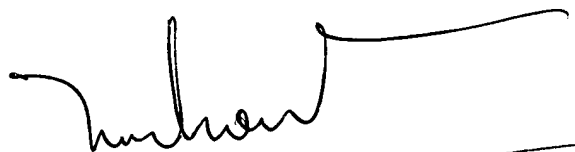
17. A shortened statutory period for reply to this action is set to expire THREE (3) months from the mailing date of this communication. See 37 CFR 1.134.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang N. Nguyen whose telephone number is (703) 305-8190.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's primary, Le H. Luu, can be reached at (703) 305-9650. The fax phone numbers for the organization is (703) 746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3800/4700.

Quang N. Nguyen



LE HIEN LUU
PRIMARY EXAMINER